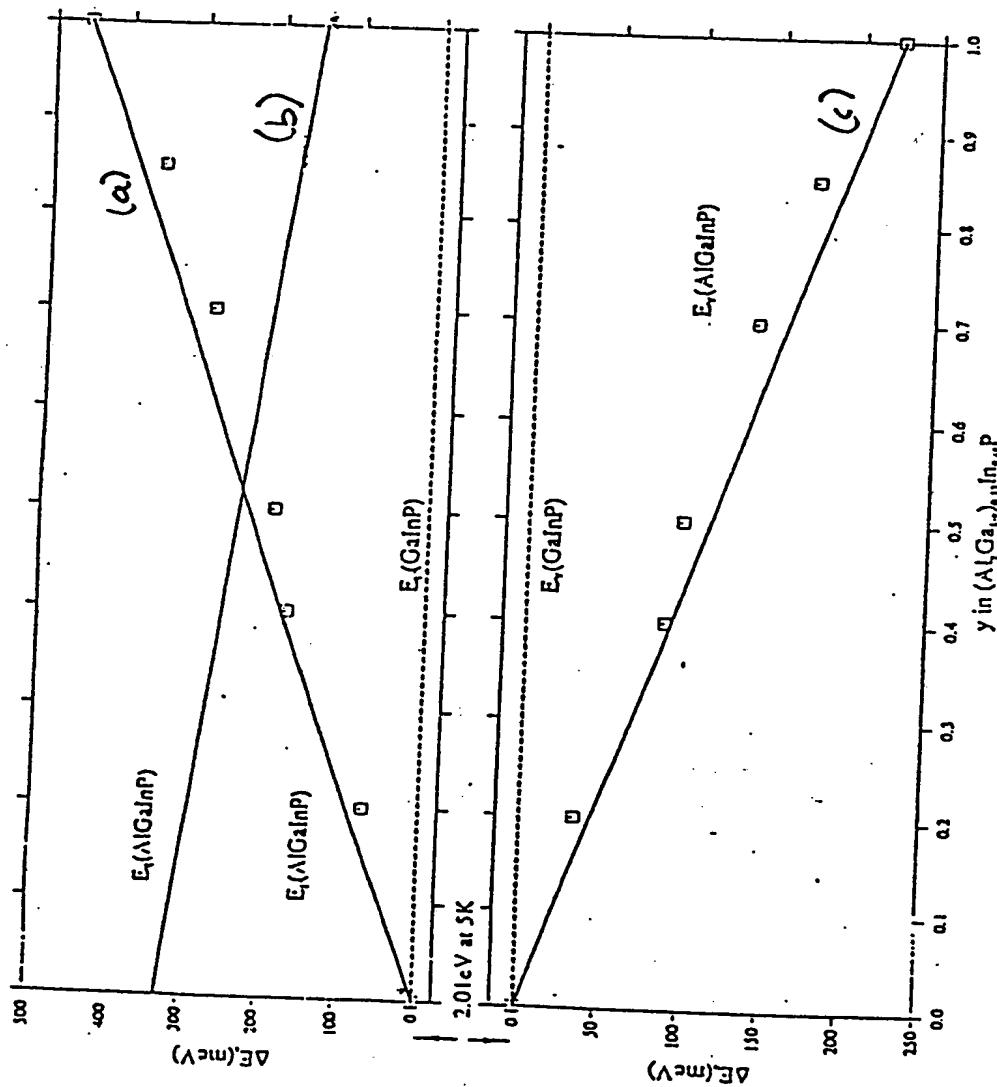


Fig 1

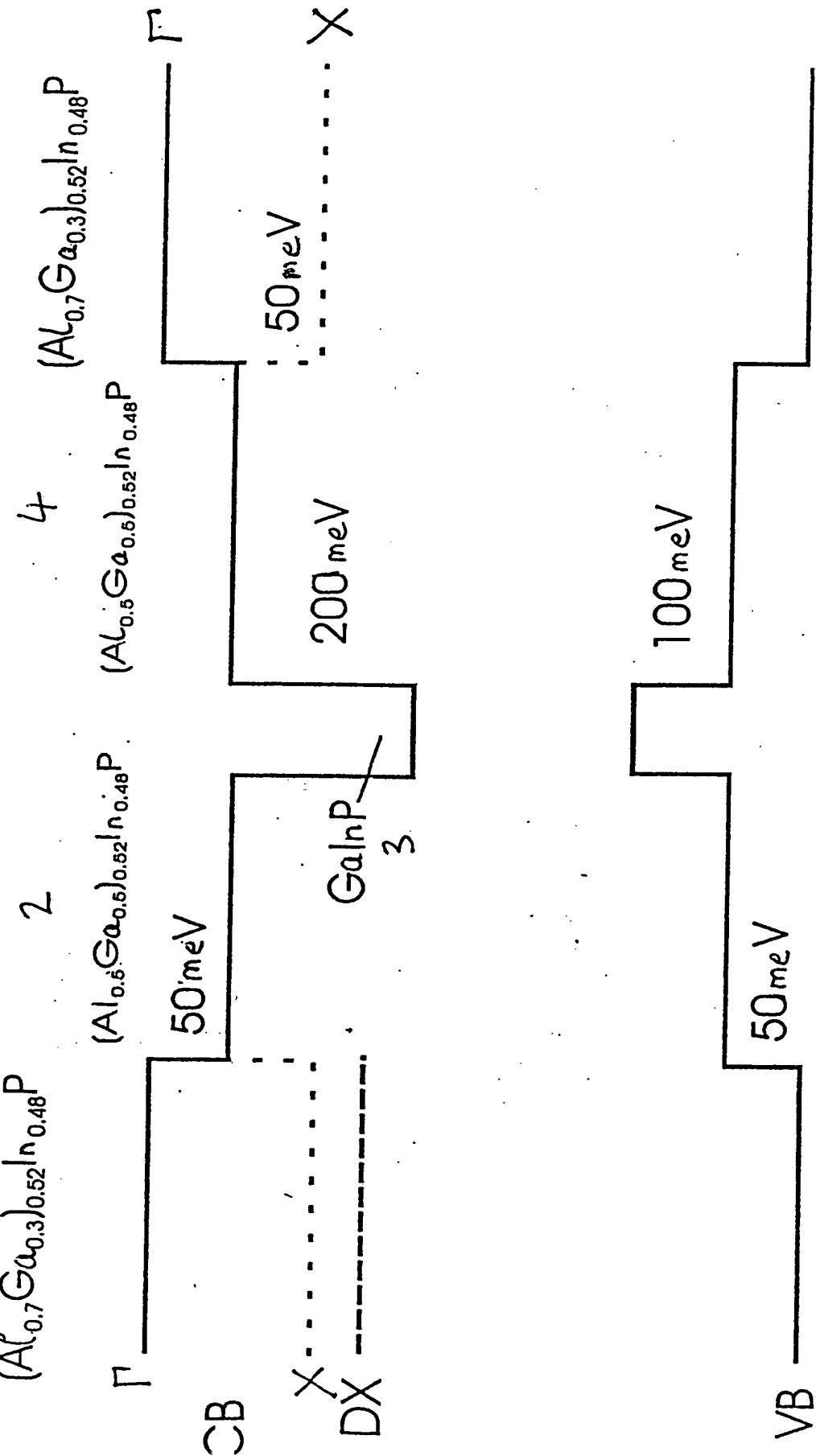
Related Art



A diagram of the variation of the  $\text{Ga}_{0.52}\text{In}_{0.48}\text{P}/(\text{AlGa})\text{InP}$  heterobarrier height (meV) as a function of aluminium mole fraction in the quaternary alloy assuming a 70:30 band offset ratio.

N-CLADDING 1  
REGION  
 $(Al_{0.7}Ga_{0.3})_{0.52}In_{0.48}P$

P-CLADDING  
REGION 5



3/17

Fig. 3 Related Art

